Technical datasheet

Solicord Round TPU 85A Sapphire Blue SM FG 70



Article code: SCRB000253

| General information | | | | | | | |
|-------------------------|----------------------------------|--|-----------|----------|---------|-----------|-------|
| Product group | SoliCord | | | | | | |
| | | | | | | | |
| Construction | | | | | | | |
| Material | TPU | | | | | | |
| (Top)surface finish | smooth | | | | | | |
| Color | Sapphire blue | | | | | | |
| Shape | round | | | | | | |
| Execution | solid | | | | | | |
| | | | | | | | |
| Characteristics | | | | | | | |
| Food Grade (FG) | yes all foodstuff; all foodstuff | | | | | | |
| Antistatic (AS) | no | | | | | | |
| ATEX approval | no | | | | | | |
| | | | | | | | |
| Technical data | | | | | | | |
| Hardness | ISO 868 | | | 88A | Shore | | |
| Recommended pre-tension | | | | 7 | % | | |
| Working tension | | | | 17 | daN/cm² | | |
| Diameter | | | | 7 | mm | 0.28 | in. |
| Cross section | | | | 0.385 | cm² | | |
| Weight | | | | 0.047 | kg/m | 0.01 | lb/ft |
| Operating temperature | continuous | | from / to | -30 / 80 | °C | -22 / 176 | °F |
| Minimum pulley diameter | | | | 65 | mm | 2.56 | in. |
| Coefficient of friction | against steel | | dynamic | 0,45 | | | |

| | against HDPE | 0,25 | | | | | |
|--------------------------|---------------------------------|--|-------------|--|--|--|--|
| Manufacturing length | maximum | 100000 mm | 3937.01 in. | | | | |
| | | | | | | | |
| Fabrication | | | | | | | |
| Recommended splice types | Butt weld | | | | | | |
| Splice equipment | Only use equipment supplied | Only use equipment supplied or approved by Ammeraal Beltech. | | | | | |
| Splicing on site | Always first make a test splice | Always first make a test splice to confirm the right settings and proper pre-heating of the equipment. | | | | | |
| | | | | | | | |

0,3

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Keep the belt tension to a practical working minimum for maximum belt and machine life.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt.

against PE

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